

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042821\
 Data File : VN066829.D
 Acq On : 28 Apr 2021 22:40
 Operator : JC/MD
 Sample : VN0428WBL02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Apr 29 04:32:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 16:02:50 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

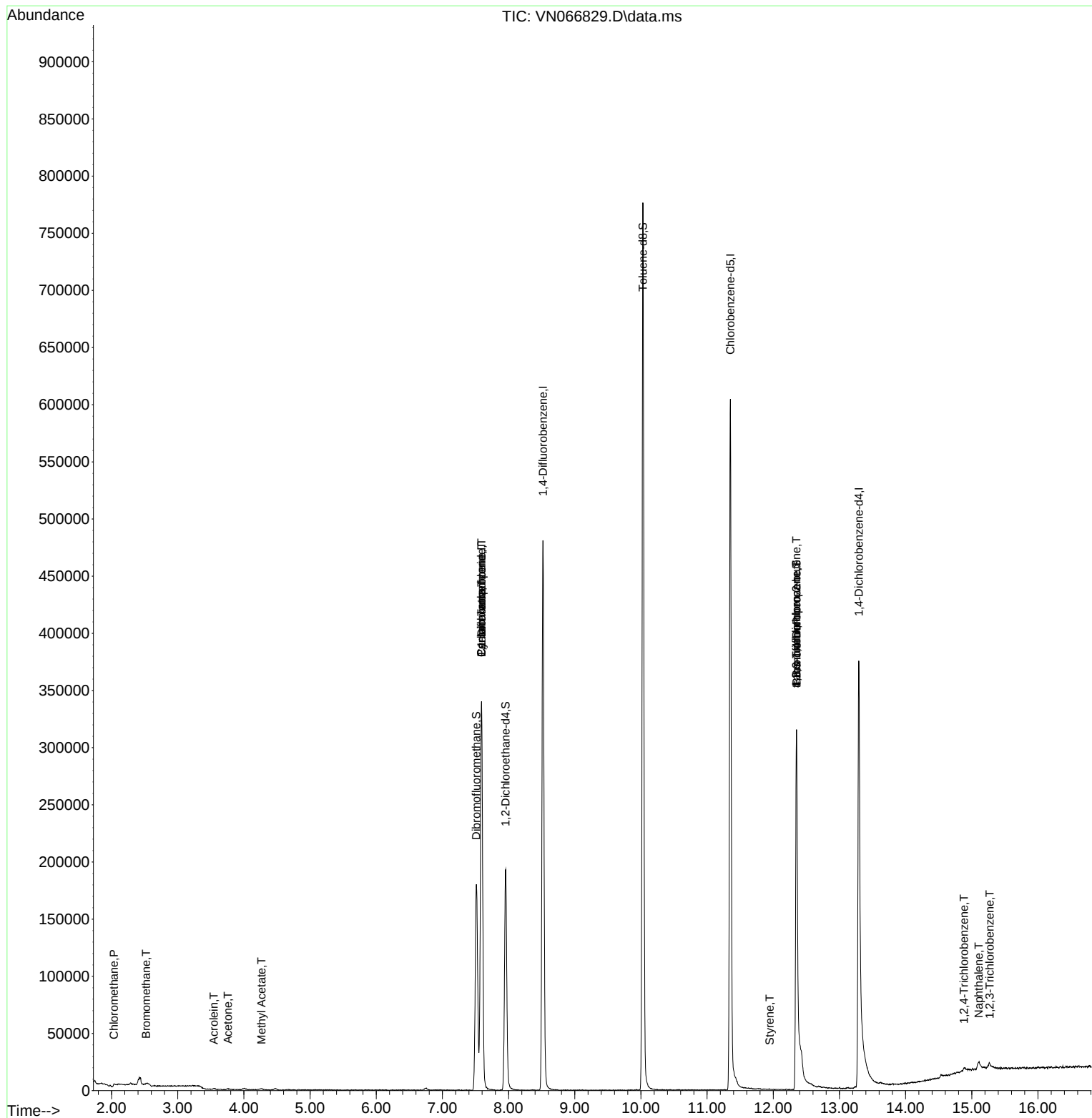
Internal Standards						
1) Pentafluorobenzene	7.591	168	307127	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.519	114	463130	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.351	117	411841	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.293	152	172446	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	167458	42.44	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	84.88%		
35) Dibromofluoromethane	7.513	113	147796	51.70	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	103.40%		
50) Toluene-d8	10.029	98	555303	49.49	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.98%		
62) 4-Bromofluorobenzene	12.349	95	160747	42.34	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	84.68%		
Target Compounds					Qvalue	
3) Chloromethane	2.037	50	1125	0.26	ug/l #	81
5) Bromomethane	2.522	94	736	0.26	ug/l	87
13) Acrolein	3.544	56	359	0.71	ug/l #	32
16) Acetone	3.759	43	951	0.64	ug/l	93
18) Methyl Acetate	4.265	43	1818	1.56	ug/l #	86
31) Cyclohexane	7.591	56	4910	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.591	75	19336	4.49	ug/l #	48
38) Carbon Tetrachloride	7.591	117	26662	6.46	ug/l #	18
70) Styrene	11.944	104	49	3.05	ug/l #	26
71) Bromoform	12.352	173	937	0.42	ug/l #	1
76) 1,2,3-Trichloropropane	12.349	75	74671	20.54	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.349	75	74671	56.35	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.881	180	1131	0.38	ug/l	61
95) Naphthalene	15.106	128	11623	1.52	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.270	180	1616	0.56	ug/l #	30

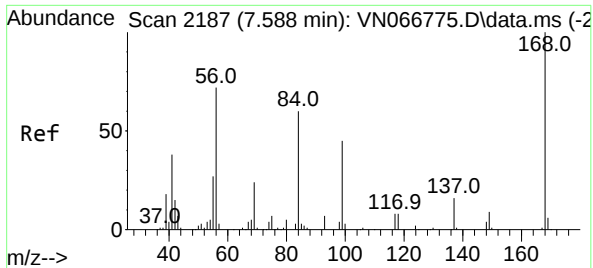
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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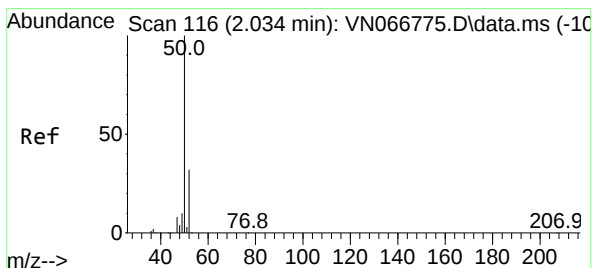
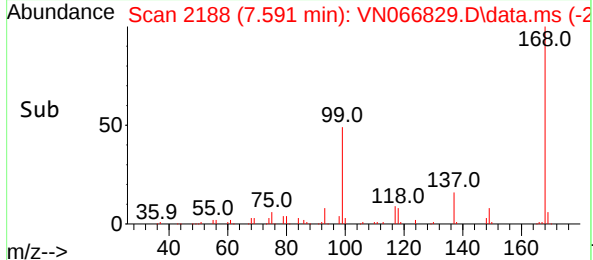
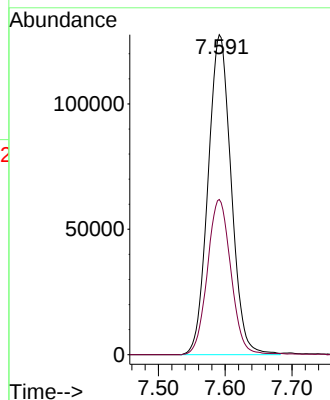
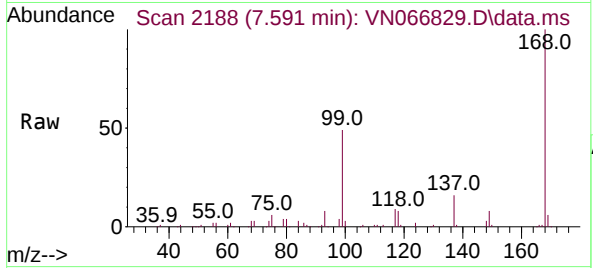




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.003 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

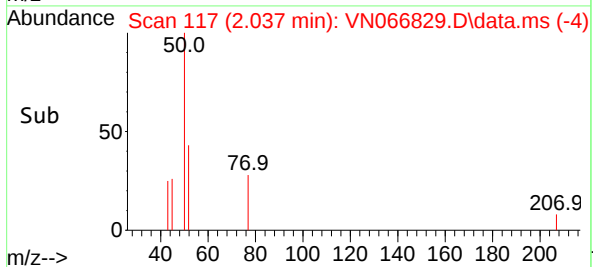
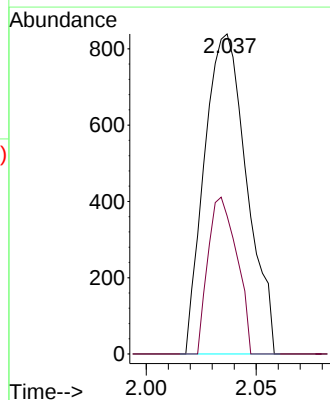
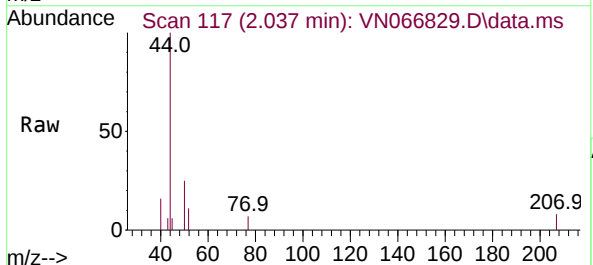
Instrument :
MSVOA_N
ClientSampled :

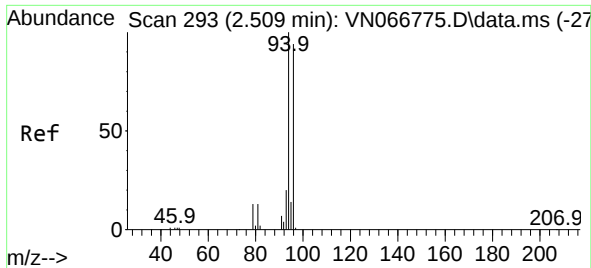
Tgt Ion:168 Resp: 307127
Ion Ratio Lower Upper
168 100
99 48.5 42.6 63.8



#3
Chloromethane
Concen: 0.26 ug/l
RT: 2.037 min Scan# 117
Delta R.T. 0.003 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

Tgt Ion: 50 Resp: 1125
Ion Ratio Lower Upper
50 100
52 43.1 25.8 38.8#

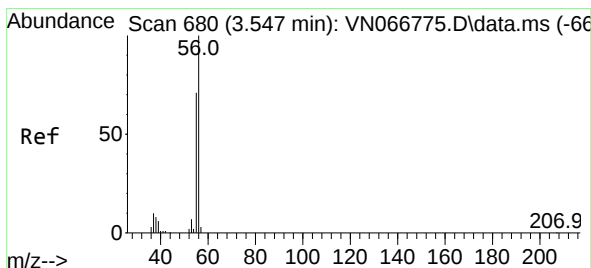
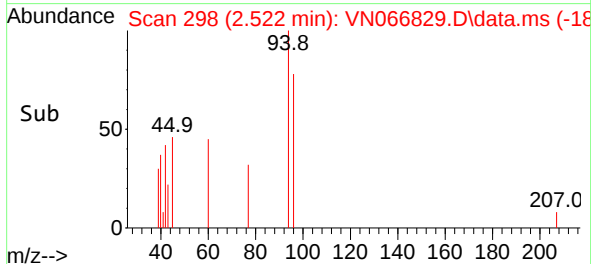
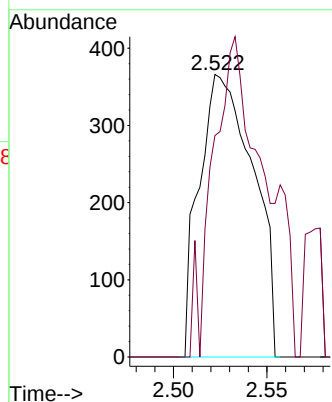
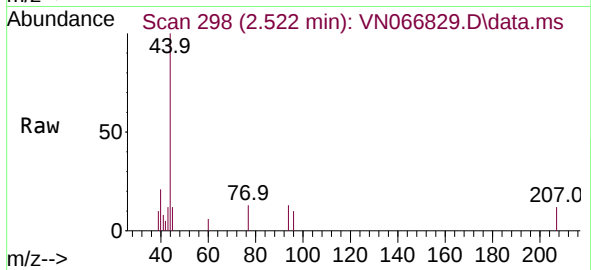




#5
Bromomethane
Concen: 0.26 ug/l
RT: 2.522 min Scan# 298
Delta R.T. 0.013 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

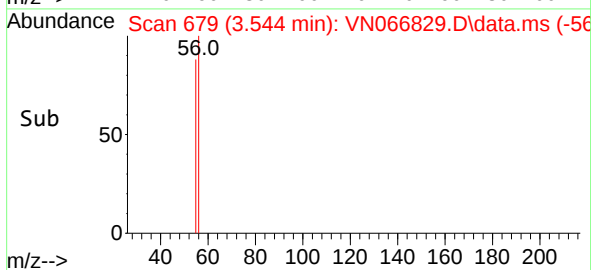
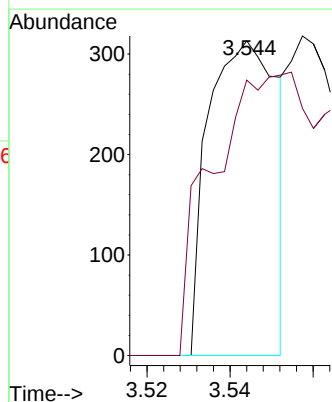
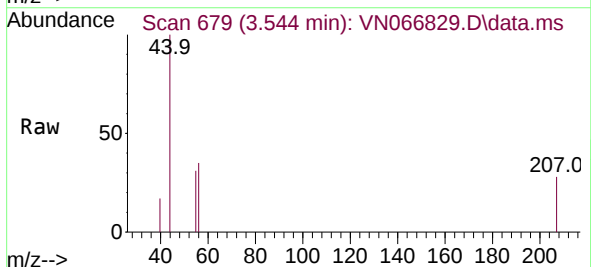
Instrument :
MSVOA_N
ClientSampled :

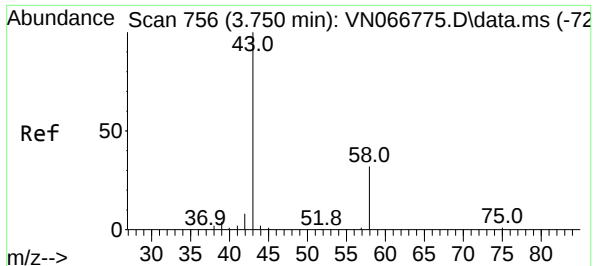
Tgt Ion: 94 Resp: 736
Ion Ratio Lower Upper
94 100
96 78.4 73.0 109.4



#13
Acrolein
Concen: 0.71 ug/l
RT: 3.544 min Scan# 679
Delta R.T. -0.003 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

Tgt Ion: 56 Resp: 359
Ion Ratio Lower Upper
56 100
55 125.6 56.0 84.0#

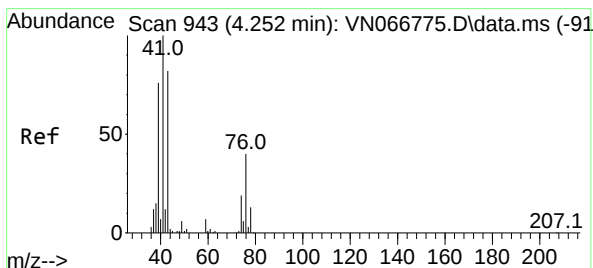
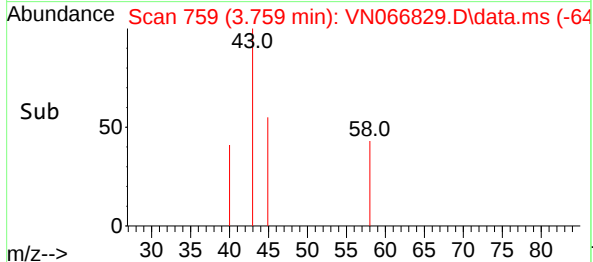
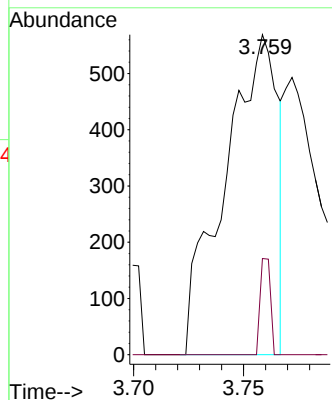
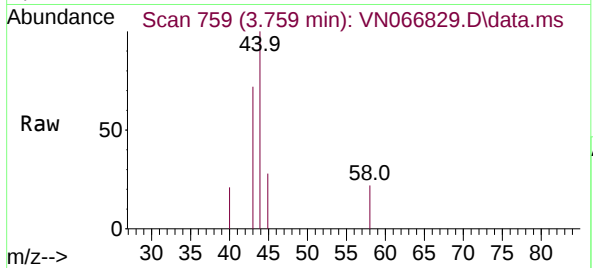




#16
Acetone
Concen: 0.64 ug/l
RT: 3.759 min Scan# 759
Delta R.T. 0.009 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

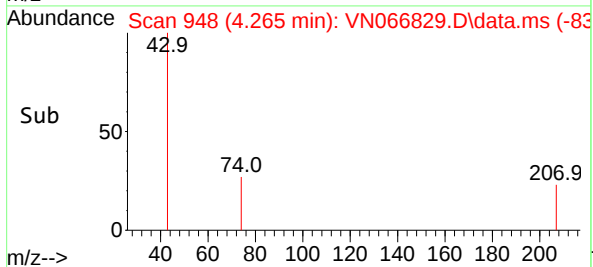
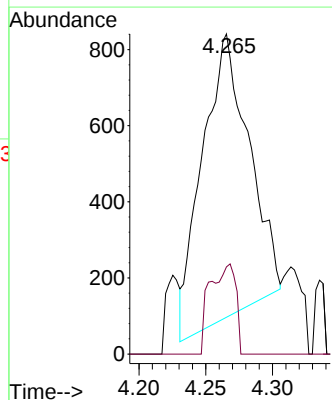
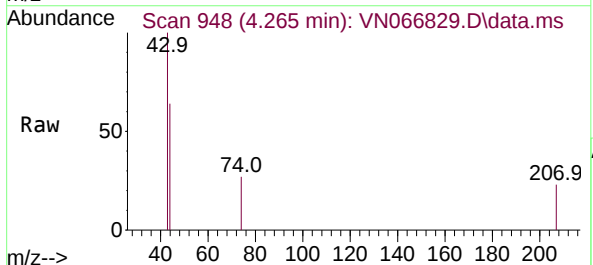
Instrument :
MSVOA_N
ClientSampled :

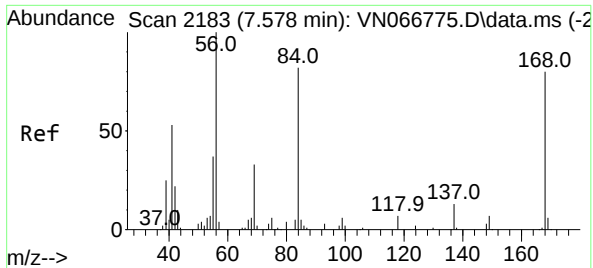
Tgt Ion: 43 Resp: 951
Ion Ratio Lower Upper
43 100
58 30.1 27.0 40.6



#18
Methyl Acetate
Concen: 1.56 ug/l
RT: 4.265 min Scan# 948
Delta R.T. 0.013 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

Tgt Ion: 43 Resp: 1818
Ion Ratio Lower Upper
43 100
74 17.4 19.5 29.3#

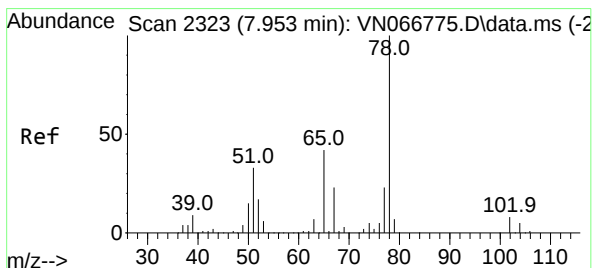
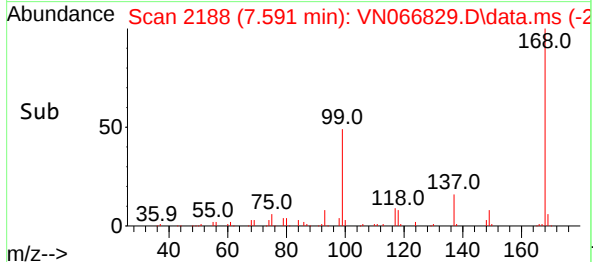
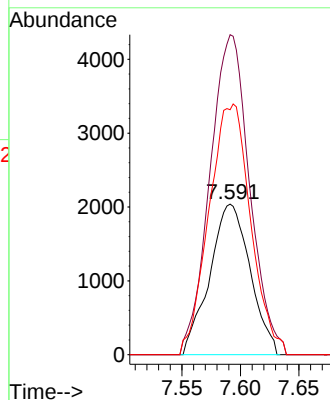
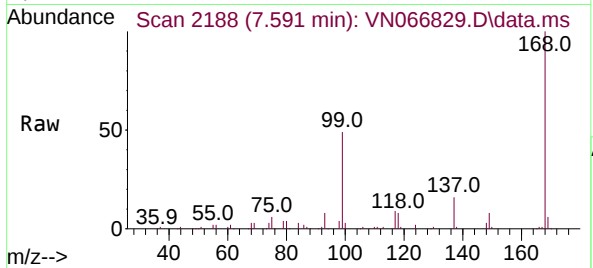




#31
Cyclohexane
Concen: 0.80 ug/l
RT: 7.591 min Scan# 2188
Delta R.T. 0.013 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

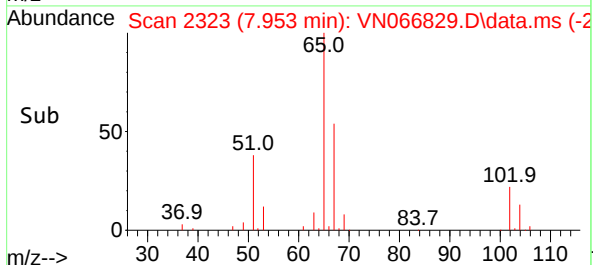
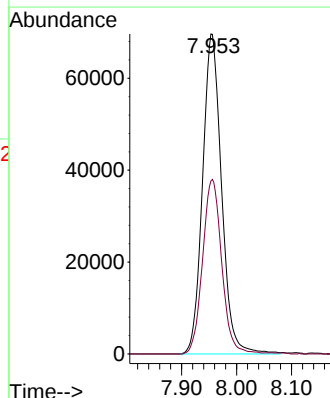
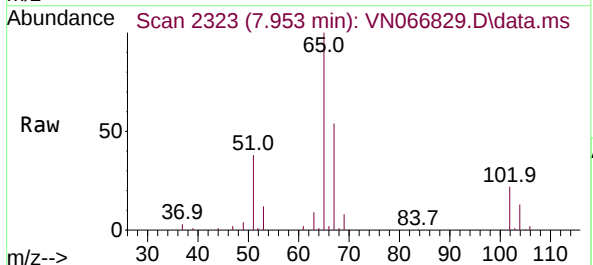
Instrument :
MSVOA_N
ClientSampled :

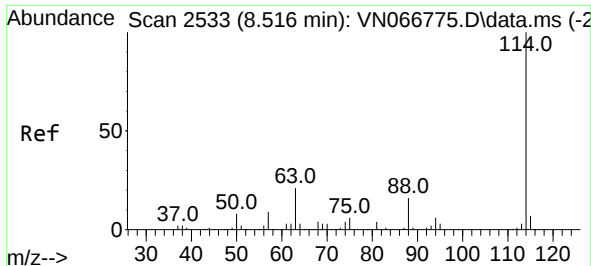
Tgt Ion: 56 Resp: 4910
Ion Ratio Lower Upper
56 100
69 212.6 26.6 39.8#
84 162.7 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 42.44 ug/l
RT: 7.953 min Scan# 2323
Delta R.T. 0.000 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

Tgt Ion: 65 Resp: 167458
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.2

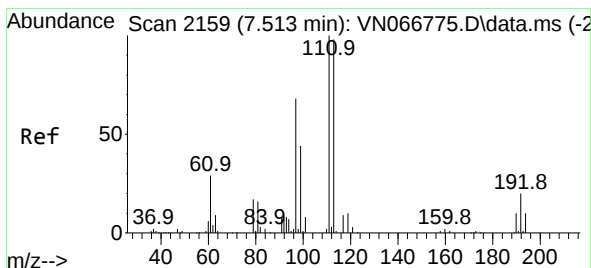
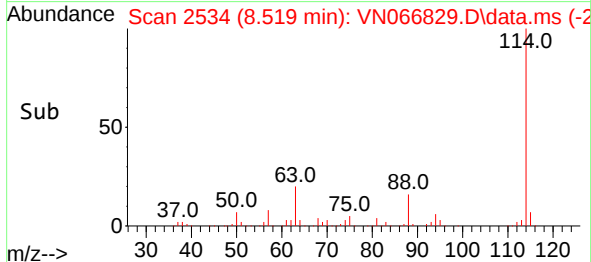
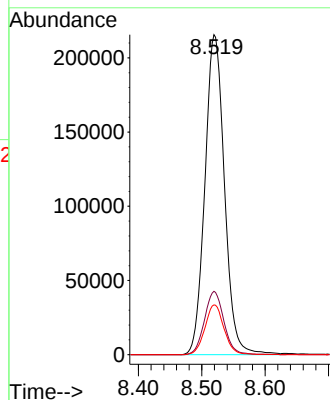
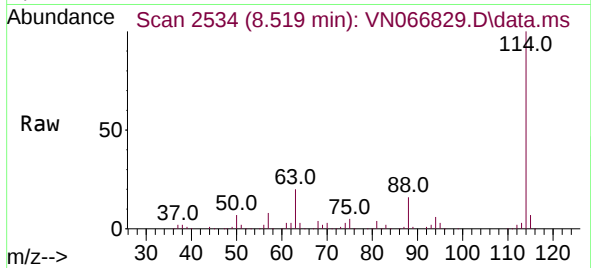




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.519 min Scan# 2534
Delta R.T. 0.003 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

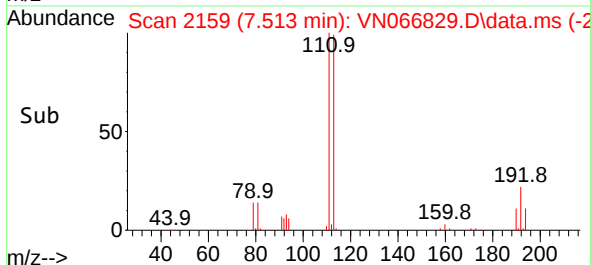
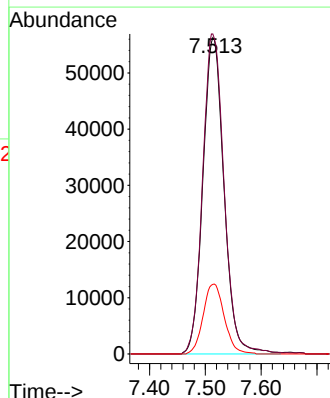
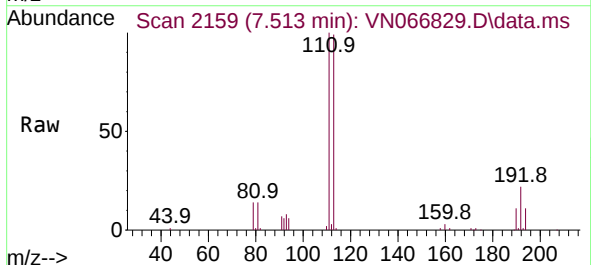
Instrument :
MSVOA_N
ClientSampled :

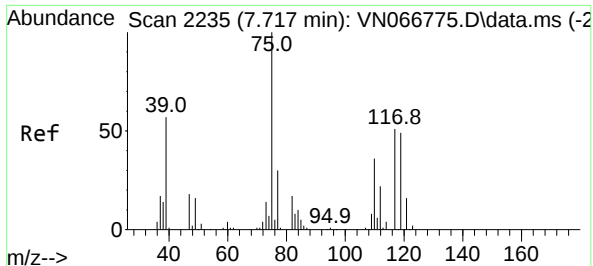
Tgt Ion:114 Resp: 463130
Ion Ratio Lower Upper
114 100
63 19.8 0.0 38.6
88 15.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 51.70 ug/l
RT: 7.513 min Scan# 2159
Delta R.T. 0.000 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

Tgt Ion:113 Resp: 147796
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.2
192 22.1 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.49 ug/l

RT: 7.591 min Scan# 2188

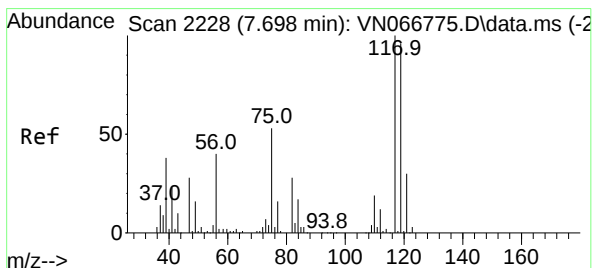
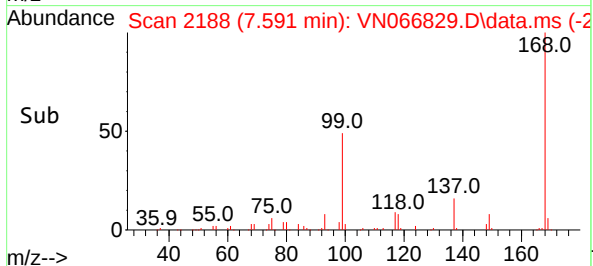
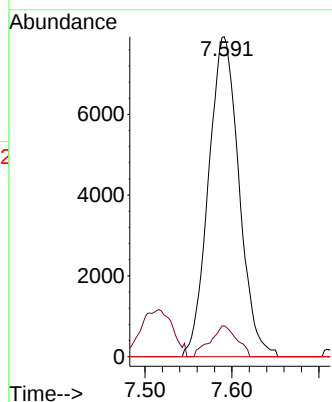
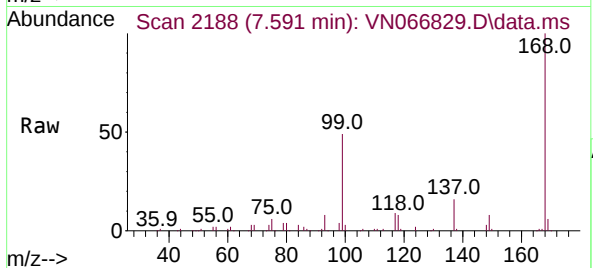
Delta R.T. -0.126 min

Lab File: VN066829.D

Acq: 28 Apr 2021 22:40

Tgt Ion:	75	Resp:	19336
Ion	Ratio	Lower	Upper
75	100		
110	8.3	18.2	54.6#
77	0.0	24.9	37.3#

Instrument :
MSVOA_N
ClientSampled :



#38

Carbon Tetrachloride

Concen: 6.46 ug/l

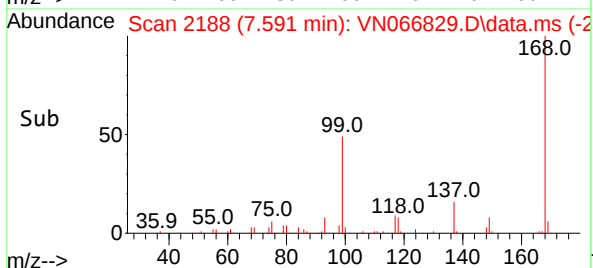
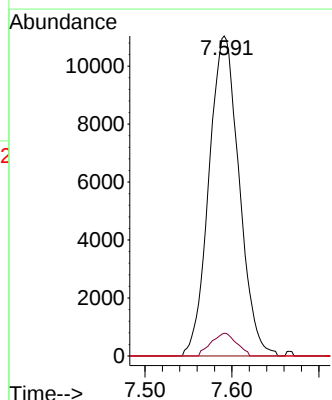
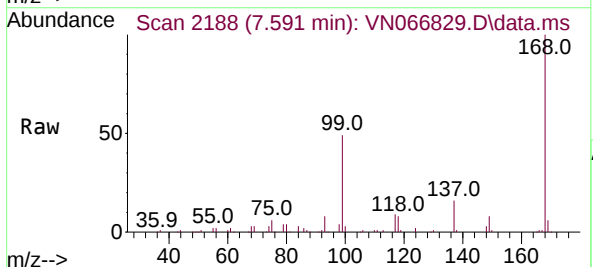
RT: 7.591 min Scan# 2188

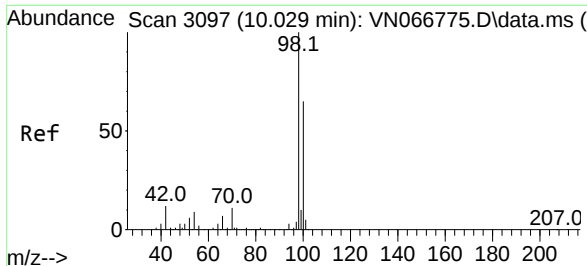
Delta R.T. -0.107 min

Lab File: VN066829.D

Acq: 28 Apr 2021 22:40

Tgt Ion:	117	Resp:	26662
Ion	Ratio	Lower	Upper
117	100		
119	7.1	76.0	114.0#
121	0.0	24.5	36.7#

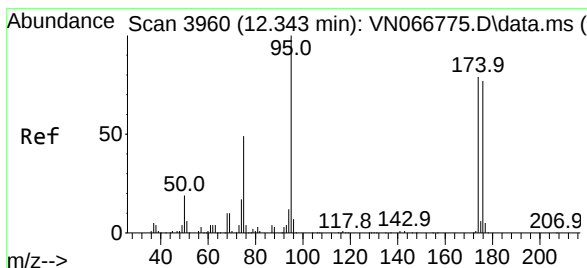
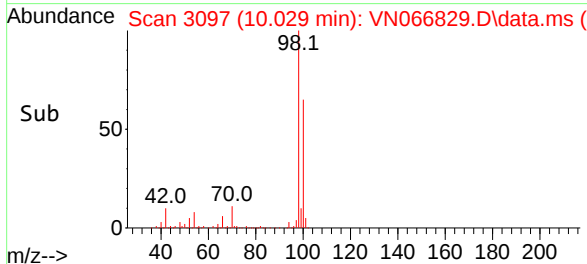
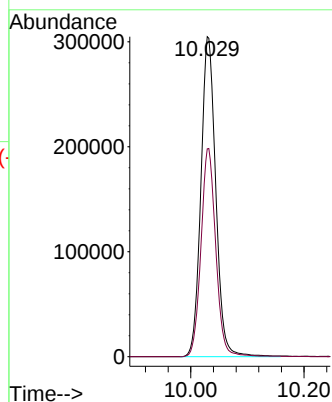
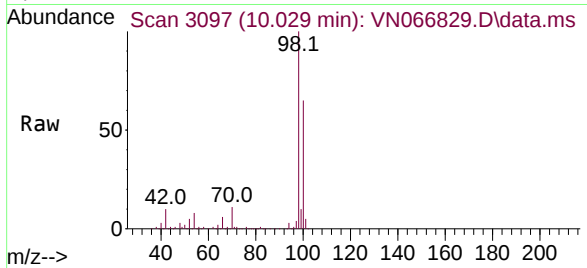




#50
Toluene-d8
Concen: 49.49 ug/l
RT: 10.029 min Scan# 3097
Delta R.T. 0.000 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

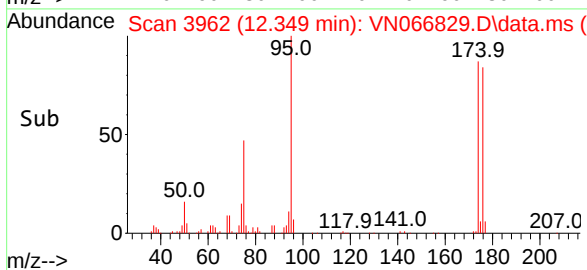
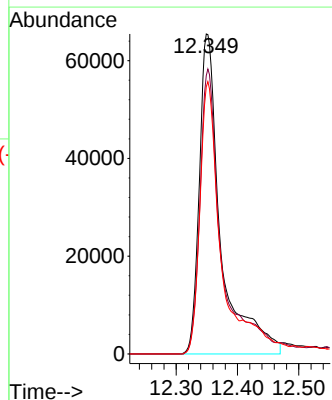
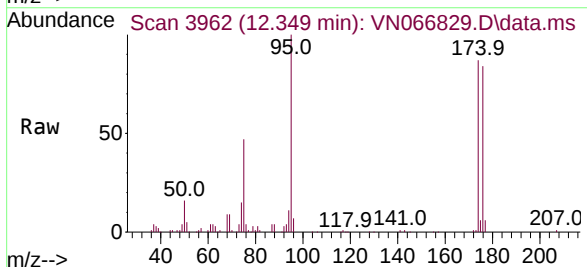
Instrument :
MSVOA_N
ClientSampled :

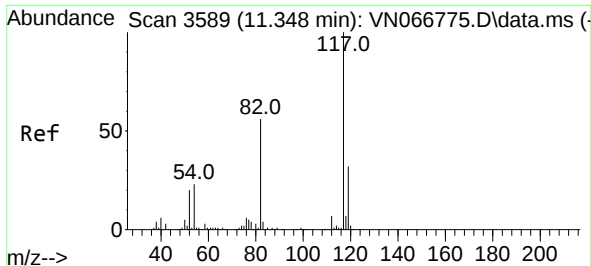
Tgt Ion: 98 Resp: 555303
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 42.34 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.006 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

Tgt Ion: 95 Resp: 160747
Ion Ratio Lower Upper
95 100
174 90.2 0.0 169.0
176 85.9 0.0 162.4

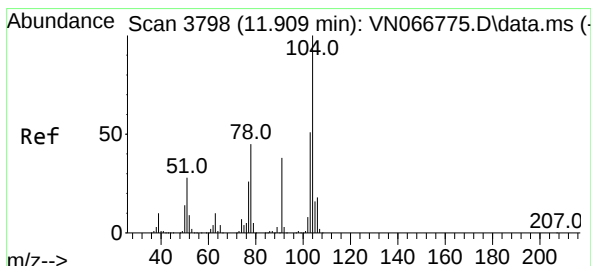
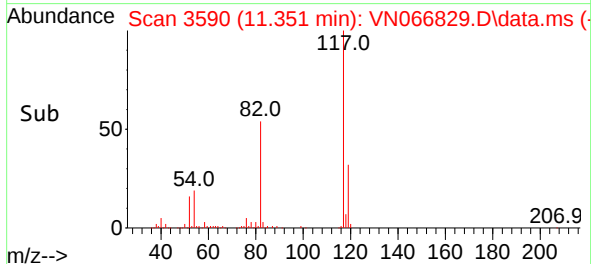
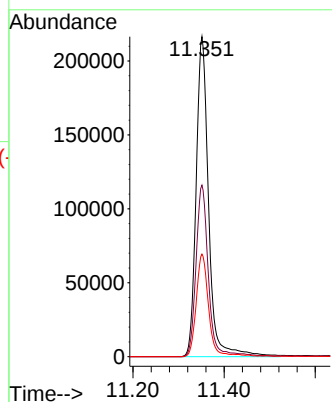
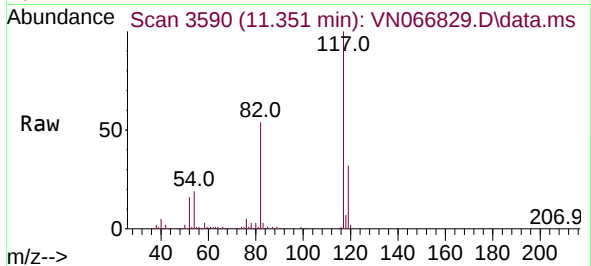




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.351 min Scan# 3590
Delta R.T. 0.003 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

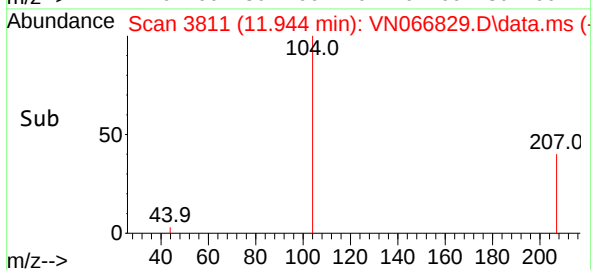
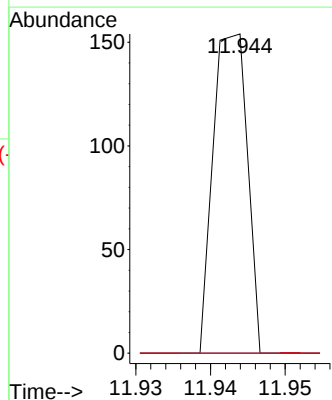
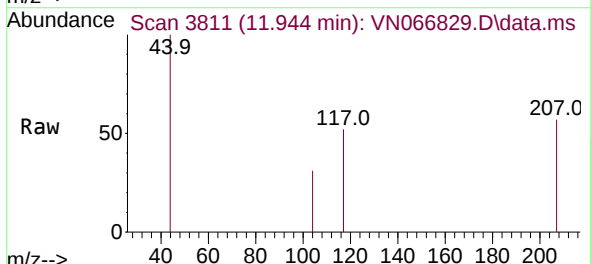
Instrument :
MSVOA_N
ClientSampleId :

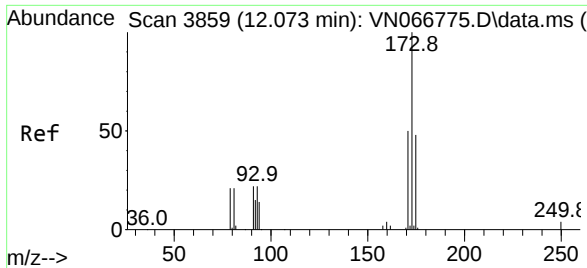
Tgt Ion:117 Resp: 411841
Ion Ratio Lower Upper
117 100
82 53.6 43.7 65.5
119 32.1 26.1 39.1



#70
Styrene
Concen: 3.05 ug/l
RT: 11.944 min Scan# 3811
Delta R.T. 0.035 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

Tgt Ion:104 Resp: 49
Ion Ratio Lower Upper
104 100
78 0.0 39.0 58.4#
103 0.0 44.5 66.7#

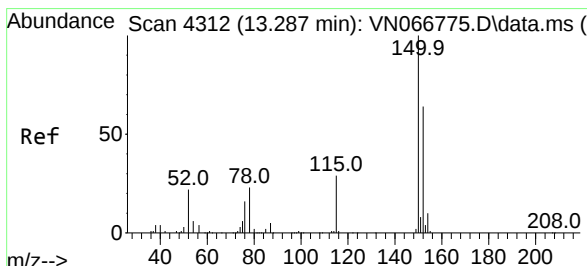
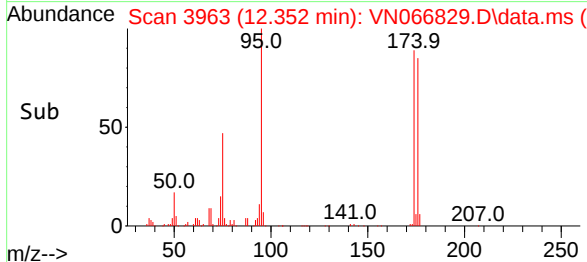
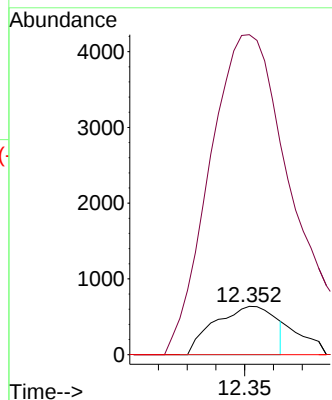
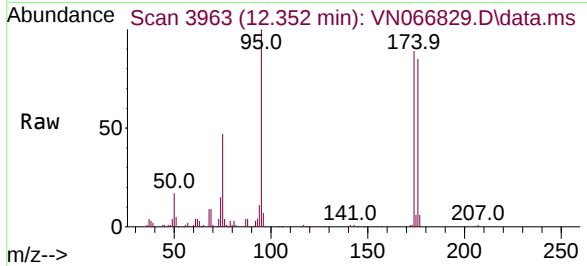




#71
Bromoform
Concen: 0.42 ug/l
RT: 12.352 min Scan# 3963
Delta R.T. 0.279 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

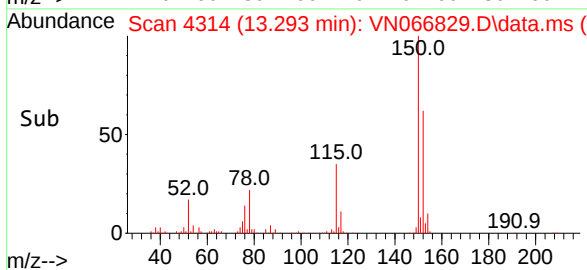
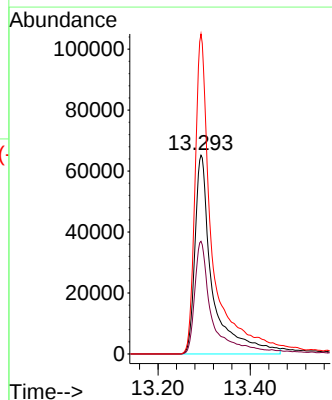
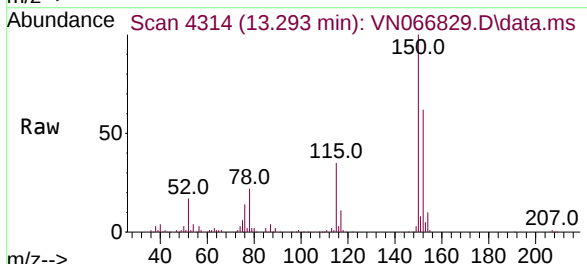
Instrument :
MSVOA_N
ClientSampled :

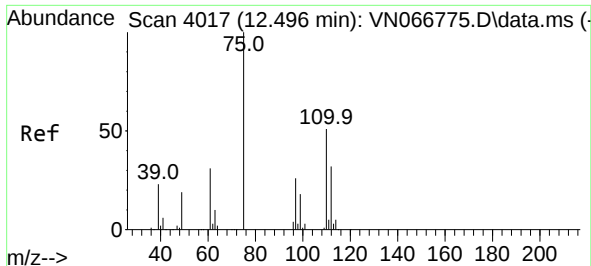
Tgt Ion:173 Resp: 937
Ion Ratio Lower Upper
173 100
175 703.8 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.293 min Scan# 4314
Delta R.T. 0.006 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

Tgt Ion:152 Resp: 172446
Ion Ratio Lower Upper
152 100
115 51.7 28.5 85.6
150 149.9 0.0 347.6

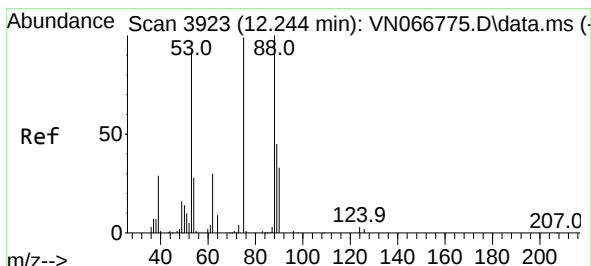
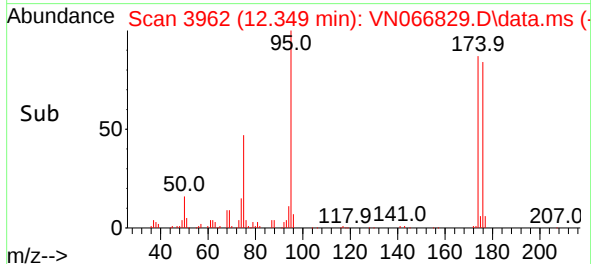
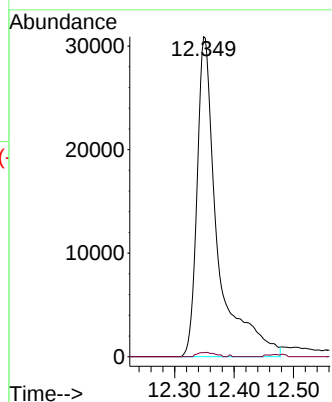
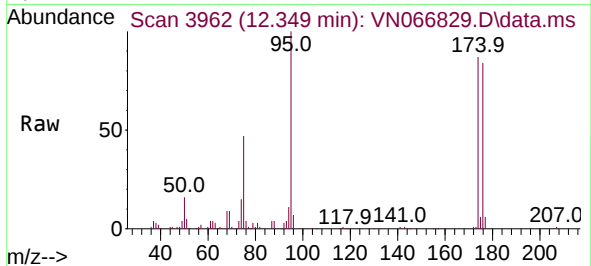




#76
1,2,3-Trichloropropane
Concen: 20.54 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. -0.147 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

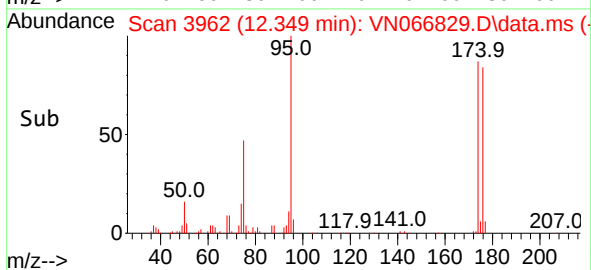
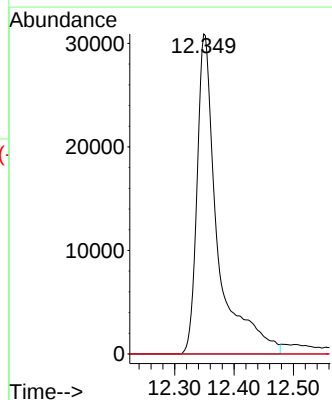
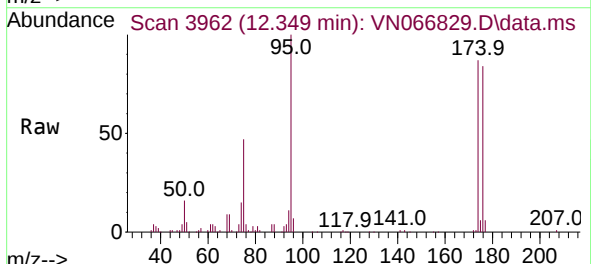
Instrument :
MSVOA_N
ClientSampleId :

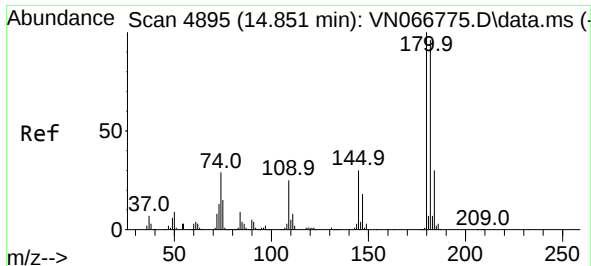
Tgt Ion: 75 Resp: 74671
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.35 ug/l
RT: 12.349 min Scan# 3962
Delta R.T. 0.105 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

Tgt Ion: 75 Resp: 74671
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

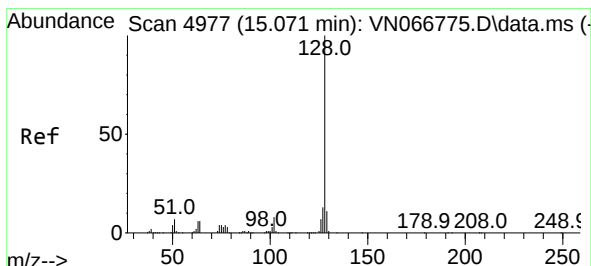
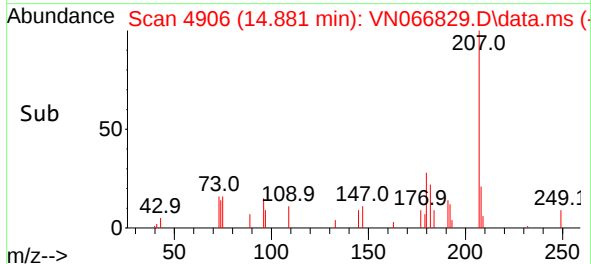
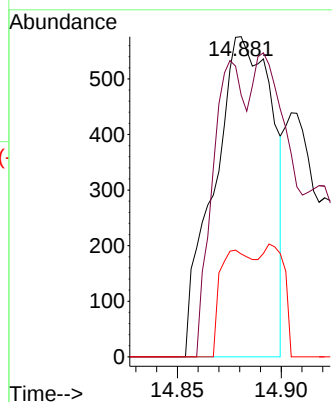
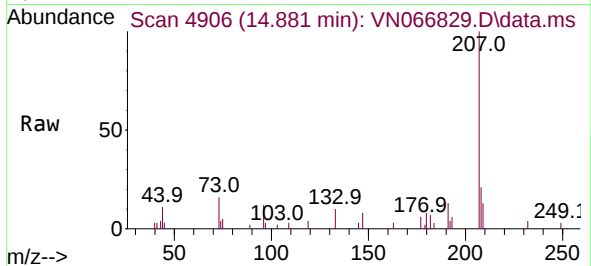




#93
1,2,4-Trichlorobenzene
Concen: 0.38 ug/l
RT: 14.881 min Scan# 4906
Delta R.T. 0.030 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

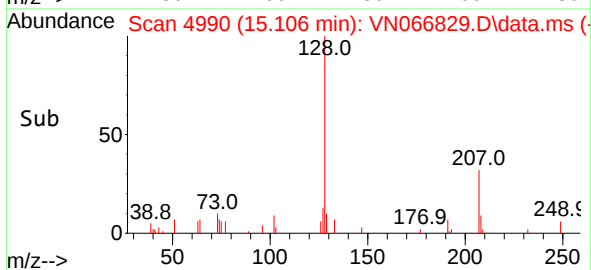
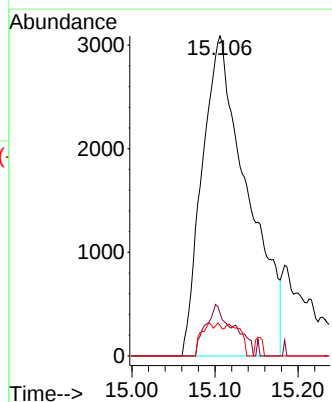
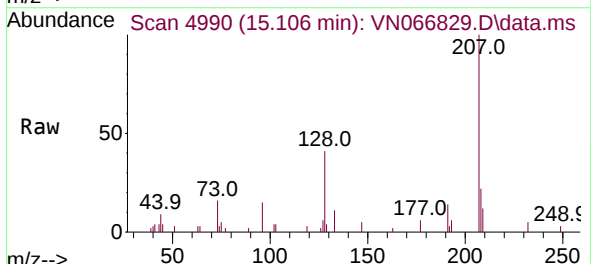
Instrument :
MSVOA_N
ClientSampled :

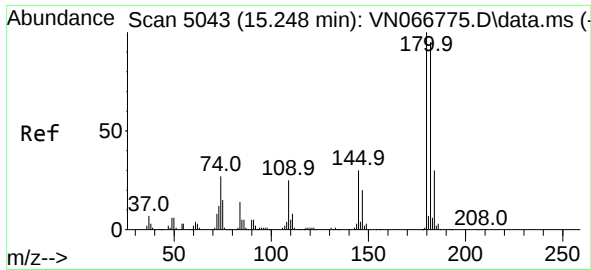
Tgt Ion:180 Resp: 1131
Ion Ratio Lower Upper
180 100
182 51.8 47.3 142.0
145 17.7 15.6 46.8



#95
Naphthalene
Concen: 1.52 ug/l
RT: 15.106 min Scan# 4990
Delta R.T. 0.035 min
Lab File: VN066829.D
Acq: 28 Apr 2021 22:40

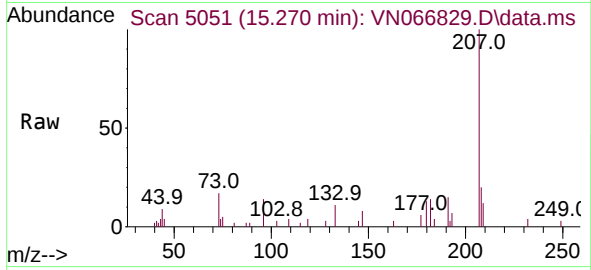
Tgt Ion:128 Resp: 11623
Ion Ratio Lower Upper
128 100
127 7.2 10.2 15.2#
129 2.8 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.56 ug/l
 RT: 15.270 min Scan# 5051
 Delta R.T. 0.022 min
 Lab File: VN066829.D
 Acq: 28 Apr 2021 22:40

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	182.2	47.4	142.3#
145	26.7	16.5	49.5

